

Recombinant Full Length Human PPP2CA Protein, GST-tagged

Cat. No. PPP2CA-409HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human PPP2CA(1 a.a. - 309 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	309 amino acids
Description	This gene encodes the phosphatase 2A catalytic subunit. Protein phosphatase 2A is one of the four major Ser/Thr phosphatases, and it is implicated in the negative control of cell growth and division. It consists of a common heteromeric core enzyme, which is composed of a catalytic subunit and a constant regulatory subunit, that associates with a variety of regulatory subunits. This gene encodes an alpha isoform of the catalytic subunit.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	62 kDa
AA Sequence	MDEKVFTKEL DQWIEQLNEC KQLSESVKSL LCEKAKEILT KESNVQEVRC PVTVCQDVHG QFHDLMELEFR IGGKSPDTNY LFMGDYVDRG YYSVETVTL VALKVRYRER ITILRGNHES RQITQVYGFY DECLRKYGNA NVWKYFTDLF DYLPLTALVD GQIFCLHGGL SPSIDTLDDHI RALDRLQEVV HEGPMCDLLW SDPDDRRGGWG ISPRGAGYTF GQDISETFNH ANGLTLVSRA HQLVMEGYNW

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CHDRNVVTIF SAPNYCYRCG NQAAIMELDD TLKYSFLQFD PAPRRGEPHV
TRRTPDYFL

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name

PPP2CA protein phosphatase 2, catalytic subunit, alpha isozyme [Homo sapiens]

Official Symbol

PPP2CA

Synonyms

PPP2CA; protein phosphatase 2, catalytic subunit, alpha isozyme; protein phosphatase 2 (formerly 2A), catalytic subunit, alpha isoform; serine/threonine-protein phosphatase 2A catalytic subunit alpha isoform; PP2Calpha; protein phosphatase 2A catalytic subunit; alpha isoform; PP2A-alpha; replication protein C; protein phosphatase 2A catalytic subunit, alpha isoform; serine/threonine protein phosphatase 2A, catalytic subunit, alpha isoform; RP-C; PP2Ac; PP2CA

Gene ID

5515

mRNA Refseq

NM_002715

Protein Refseq

NP_002706

MIM

176915

UniProt ID

P67775

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